



Philips 5000 LED series  
LCD TV with Pixel Plus  
HD

46"

Full HD 1080p digital TV



46PFL5605H

## Entertainment comes to life

with brilliant LED picture performance

Live the moment as if you were there with Pixel Plus HD and an impressive invisible sound.

### Your entertainment in brilliant detail

- Full HD TV with Pixel Plus HD for better details and clarity
- Brilliant LED images with low power consumption
- 100Hz LCD, 2ms performance for superb motion sharpness
- HD Natural Motion for ultra smooth motion in Full HD movies

### Rich and clear sound.

- 2.1 system for 40W surround sound (2x10W plus virtual 20W)\*
- Hear every word with Clear Sound

### Complete digital connectivity made simple

- Seamless connectivity with 3 HDMI inputs and Easylink
- USB for fantastic multimedia playback
- Integrated MPEG-4 tuner for HD reception without set top box

### Greener every day

- LED is up to 40% more energy efficient than regular LCD TVs
- 0W Power Consumption when switch off



NL/22/001

**PHILIPS**  
sense and simplicity

# Highlights

## Pixel Plus HD

Pixel Plus HD offers the unique combination of ultimate sharpness, natural detail, vivid colors and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high definition displays. Artifacts and noise in all sources from multimedia to standard TV and also in highly compressed HD are detected and reduced ensuring that the picture is clear and razor sharp.

## LED



LED lighting technology is the most advanced available. In this TV it combines an eyecatching minimalist design with stunning image quality and on top the lowest power consumption in its category. An other environmental benefit is that LED lighting technology does not contain hazardous materials. With LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.

## 100Hz LCD, 2ms response time

100Hz LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 2

milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

## HD Natural Motion

Philips invented HD Natural Motion to minimize juddering effects that are visible with movie based picture content. The award winning algorithm estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD and Blu-ray Disc). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

## 2.1 sound system 40 W\*

Virtual 2.1 speaker system for an incredible 40W sound (2x10W + 20W Virtual Power\*). \*This virtual 2.1 speaker system manages power intelligently to deliver twice the original power supplied and produces an excellent bass. Enjoy the purity and detailed sound with the additional dome tweeter which delivers uncompromised sound in a slim invisible speaker design.

## 3 HDMI inputs with Easylink

HDMI is a single cable to carry both picture and audio signals from your devices to your TV, saving you from cable clutter. It carries uncompressed signals, ensuring that you have the highest quality from source to screen. Together with Philips Easylink, you need only one remote control to perform most operations on your TV, DVD, BluRay, set top box or home theatre system. Enjoy high quality picture and sound without clutter or fuss.

## USB (multimedia)

The USB connector allows access to jpeg photos, mp3 music and video files of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your videos, photos and music.

## Integrated DVB tuner MPEG-4

The integrated digital tuner lets you receive digital cable and terrestrial TV without an additional set top box. Enjoy quality TV clutter free.

## Energy efficient LED

Up to 40% more energy efficient than conventional flat TVs. Using the latest LED backlight technology, LED-backlit TVs are considered a more sustainable choice, with a longer life and far lower energy consumption than plasmas and conventional LCD TVs. Unlike CCFL backlights, LEDs do not use mercury in their manufacture. In addition, Philips TV designs have improved generation after generation resulting in an increase in material efficiency and a reduction in energy usage without compromising on safety and wellbeing. That's good news for you today - your children tomorrow.

## Zero watt power consumption

Enjoy savings on your electricity bill by using the build-in power switch on this TV. This leads to no power consumption, without having to unplug the power cord from the wall.



# Specifications

## Picture/Display

- Aspect ratio: Widescreen
- Brightness: 450 cd/m<sup>2</sup>
- Dynamic screen contrast: 500,000:1
- Response time (typical): 2 ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 46 inch / 117 cm
- Display screen type: LCD Full HD W-UXGA Active matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Pixel Plus HD, Active Control + Light sensor, Color Enhancement, 100Hz Clear LCD, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, MPEG artifact reduction, HD Natural Motion, LED backlight Display
- Screen enhancement: Anti-Reflection coated screen

## Supported Display Resolution

Computer formats	Resolution	Refresh rate
	640 x 480	60Hz
	800 x 600	60Hz
	1024 x 768	60Hz
	1280 x 768	60Hz
	1280 x 1024	60Hz
	1360 x 768	60Hz
	1600 x 1200	60Hz
	1920 x 1080	60Hz
Video formats	Resolution	Refresh rate
	480i	60Hz
	480p	60Hz
	576i	50Hz
	576p	50Hz
	720p	50, 60Hz
	1080i	50, 60Hz
	1080p	24, 25, 30, 50, 60Hz

## Sound

- Output power (RMS): 20W
- Sound Enhancement: Auto Volume Leveller, Incredible Surround, Treble and Bass Control, Clear Sound
- Sound System: Mono, Nicam Stereo, Stereo

## Convenience

- Child Protection: Child Lock+Parental Control

- Clock: Sleep Timer
- Connection Enhancement: Easy link
- Ease of Installation: Channel installation wizard, Settings assistant wizard, Device connection wizard, Auto detect Philips devices, Auto Program Naming, Autoinstall, Program Name, Sorting
- Ease of Use: Smart Picture, Smart Sound, Connectivity assistant, Demo mode, Onscreen Usermanual, EasyLink, One-stop Home button, Mozaïc channel grid, One-stop experience button
- Electronic Program Guide: Now + Next EPG\*
- Screen Format Adjustments: Auto Format, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1000 page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: auto slideshow, USB autobreak-in, USB media browser

## Multimedia Applications

- Multimedia connections: USB memory class device
- Picture Playback Formats: JPEG
- Music Playback Formats: MP3
- Video Playback Formats: Codec support: H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L', DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial \*, DVB-T MPEG4\*, DVB-C MPEG4\*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

## Connectivity

- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2: YPbPr in, Audio L/R in
- HDMI 1: HDMI v1.4 (Audio Return Ch.)
- HDMI 2: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System info (menu language), Pixel Plus link, Remote control pass-through, System audio control, System standby
- Front / Side connections: HDMI v1.3, USB
- Other connections: Headphone out, PC Audio in, PC-In VGA, Common Interface Plus (CI+)
- Audio Output - Digital: Coaxial (cinch)

## Power

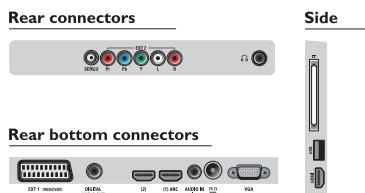
- Ambient temperature: 5 °C to 35 °C
- Mains power: 220-240V~; 50-60Hz
- Power consumption (typical): 109 W
- Standby power consumption: < 0.15 W
- Power Saving Features: Light sensor, Eco mode

## Dimensions

- Set dimensions (W x H x D): 1122 x 685 x 87 mm
- Set dimensions with stand (W x H x D): 1122 x 731 x 268 mm
- Weight incl. Packaging: 26.4 kg
- Product weight: 17.9 kg
- Product weight (+stand): 21.3 kg
- Box dimensions (W x H x D): 1349 x 773 x 198 mm
- VESA wall mount compatible: 300 x 300 mm

## Accessories

- Included accessories: Tabletop swivel stand, Quick start guide, Registration card, Warranty Leaflet, Remote Control, 2 x AAA Batteries, Safety/legal instructions, Software declaration



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[www.philips.com](http://www.philips.com)

\* 8 days EPG, service not available in all countries

\* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.